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"Gomoco Clamp"
"Form 4"

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Bloodless Circumcision of the Newborn

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Circumcision is one of the oldest operations recorded in the history of medicine and while the method of procedure has kept pace with medical progress in general there has always been the possibility of a hemorrhage with each case. Medical literature records many fatal hemorrhages and many infections as a result of circumcision of the new born and it is known that 2% of all skin cancers are penis cancers. With this in mind we set about to develop a safe and simple apparatus for the performance of this operation with the result that we now have a clamp which not only eliminates the possibility of hemorrhage but also restricts the minimum chance of infection without the use of sutures.

About a year ago Aaron Goldstein of this city developed a clamp such as we were looking for and since then we have used it on many cases including new born infants. This efficient instrument for circumcision is small, compact, light as strength will permit and perfected so that one man can operate without the necessity of employing an assistant. The technic is quite simple, and the time required is much less than by any other method. With the use of this clamp we never employ sutures, no bleeding is encountered and it leaves a clean cut incision which heals perfectly in 36 hours with practically no chance of infection because the mucous membrane and skin are securely clamped together.

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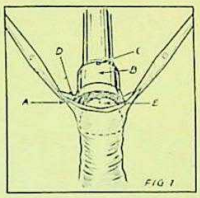
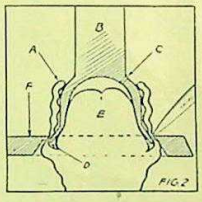
Figure 3 is the clamp itself and Figure 1 and Figure 2 are diagrams showing the procedure. The following instruments and materials are all that are really required: the clamp, 2 small haemostats, a probe with flattened end, a scissor with one blunt blade, an abcess knife, sterile vaseline, and vaseline gauze.





We proceed as follows: After properly cleansing the penis (E) and pubis, the dorsal aspect of the prepuce (A) is put on a stretch by grasping it on either side of the median line with a pair of haemostats. A flat probe, annointed with vaseline, is then pressed between the prepuce and the glans in order to separate adherent mucous membrane from the prepuce. The prepuce is then gently drawn backward exposing the entire glans penis (E). This is again cleaned in the manner which one chooses. In cases where the prepuce is drawn tightly over the glans, a partial dorsal slit will facilitate applying the cone portion of draw stud over the glans. (Note, if too long a slit is made, the cone has a tendency to slip off the glans. The slit should, therefore, be made only sufficiently long enough to enable the cone to be easily applied.) After annointing the inside of the cone, (B) it is placed over the glans penis allowing enough of the mucous membrane to fit below the cone in order that too much of this tissue is not removed. The prepuce is then pulled thru and above the bevel hole in the platform (F) and clamped in place. In this way the prepuce is crushed against the cone causing hemostases over all the blood vessels.

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We allow this pressure to remain 5 minutes, and in older children slightly longer. The excess of the prepuce is then cut with a sharp knife without any danger of cutting the glans, which is always protected by the cone portion of the instrument, leaving a very fine 1/32 of an inch ribbon-like membrane formed between the new union of the skin and mucous membrane. The pressure is then released. The circumcision is completed and the penis is covered with vaseline gauze.

No anaesthesia is used.

On children older than 12 months, we find it is advisable to insert a few sutures.

At this date we have performed more than 500 circumcisions among newborn and as yet have not encountered any infection nor hemorrhage. The appearance is as neat as a clean cut incision of any clean wound.

Hiram S. Yellen, M. D., F. A. C. S.
Buffalo, N. Y.

		For Glans Dia.	Plate & Stud	Complete Clamp
No. 500-S	Extra Small	1.1cm ($\frac{7}{16}$")	$5.00	$12.50
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*From a paper read at the Buffalo Academy of Medicine, Jan. 23, 1935, by Dr. H. S. Yellen

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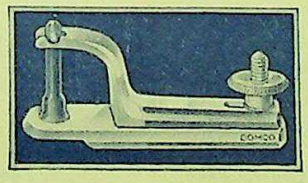

MODEL D FIG. 3

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